



FW: Avery Costs
Hall, Steven G.
to:
Earl Liverman
05/02/2012 09:25 AM
Cc:
NBrown
Hide Details
From: "Hall, Steven G." <SGHall@ene.com>

To: Earl Liverman/R10/USEPA/US@EPA

Cc: <NBrown@ene.com>

History: This message has been forwarded.

1 Attachment



Avery_Revised Cross Section.jpg

Earl –

I discussed with Neil this morning, and here are our responses:

1. For our estimate, we are assuming more contaminated material (from 5.5' down to 17' or 20') than overburden (0-5.5'). Therefore, it makes sense that there would be more contaminated material than overburden on the spreadsheet. So no, the numbers aren't transposed.
2. We estimated the lengths of the borders based on approximate-scale figures. The actual lengths of the borders will be determined in the field and measured by the ERRS survey subcontractor.
3. No, we did not include EPA property/material in our calculations. The difference in the cost estimates can be attributed to different assumptions about the depth at which contaminated material begins (5.5' bgs vs 11' bgs), and thus the size/thickness of the contaminated layer. Again, the actual quantities removed from the Potlatch property can be determined in the field.

Also, I discussed with Neil, and he did include a 10' buffer zone on Potlatch, before the slope, in his estimates. I've attached an updated drawing depicting this. Let me know what you think about the drawing.

Thanks,
Steve

From: John M. Herzog [<mailto:jherzog@geoengineers.com>]
Sent: Tuesday, May 01, 2012 4:32 PM
To: Earl Liverman
Cc: Hall, Steven G.; Richard Mednick; Brent.Stinnett@potlatchcorp.com
Subject: RE: Avery Costs

Earl,
Thank you for sending this and taking the time to talk with me this afternoon (Steve as well).

I wanted to send you the attached spreadsheet to illustrate the questions we had:

1. On the tab named Benticik-Potlatch Property Excavation tab we identified that the calculation for the overburden and contaminated volume appear to have been transposed and so when these numbers are placed into the estimate the cost is in error and estimates a higher number.
2. The calculated length of both the Benticik-Potlatch and FHA-Potlatch boundaries are longer than are shown on the scale drawings. This parameter adds additional cost to the estimate.
3. We have made two graphics that depict the difference in how we the transition volume is calculated by each party (shown on the respective tabs). By the steps that are outlined in your calculation method, it appears that you are including volume from both sides of the property line. As such the estimate appears to include the cost for work off of the Potlatch property.

Adjusting for these three items, we appear to be very close to the same estimate. I thought this would be helpful to you responding to our comments.

Please let me know if you have any questions.
Thanks

From: Earl Liverman [<mailto:Liverman.Earl@epamail.epa.gov>]
Sent: Tuesday, May 01, 2012 10:42 AM
To: John M. Herzog
Cc: sghall@ene.com; Richard Mednick
Subject: Avery Costs

Please see attached re estimated Avery costs. Note the estimates do not include EPA's direct costs, regional indirect rate, or annual allocation.

(See attached file: Avery Boarder Costs.xls)



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